

VISION AND MISSION OF THE COLLEGE

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MISSION Mission :	e of brillance providing technological Knowledge and Research oriented exploration and making students to meet the global standards. Ind communication skills by providing proficient faculty, qualitative infrastructure which assists students in learning, practicing and innovative applications and also infusing moral and value	based education for their real life development.
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DEPARTMENT OF CSE		
About Department	ABOUT DEPARTMENT	
Vision & Mission	The commencement of the department of CSE was in 2001 and had successfully integrated the years of excelliv Department offers B.Tech Program in Computer Science and Engineering with an annual intake of 120 and	
PO's, PEO's, PSO's	Science and Engineering with an annual intake of 18. The department has strategically gained experienced fa various subjects makes academic excellence. The department has engaged in training students towards industr	culty members who expertise in
CO's	exposure right from the day of its establishment. The department has acquainted in conducting guest lect presentation and conferences. The department of CSE encourages students to participate in various extra-curr	ures, workshops, student paper
HOD Profile	held by other universities and colleges within the state and outside the state. The students also have won laurels in various competitions	
Facilities/Laboratories		
Syllabus		
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DEPARTMENT OF CSE

About Department	VISION & MISSION
vision & Mission	Vision : To evolve as a centre of academic excellence in Computer Science & Engineering by building strong teaching and skill development team.
PO's, PEO's, PSO's	Mission : To offer high quality graduate and post graduate programs in computer science education and to prepare students for gainful employment. To enhance career opportunities through comprehensive soft skills development. To develop self learning abilities and professional
CO's	ethics to serve the society.
HOD Profile	
Facilities/Laboratories	
Syllabus	
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PROGRAMME OUTCOMES (POs), PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) & PROGRAM SPECIFIC OUTCOMES (PSOs)

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About Department	PO'S, PEO'S, PSO'S
Vision & Mission	PROGRAMME OUTCOMES 1. PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution
PO's, PEO's, PSO's	of complex engineering problems 2. PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions
CO's	using first principles of mathematics, natural sciences, and engineering sciences 3. PO3. Design / development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the
HOD Profile	specified needs with appropriate consideration for the public health and safety, and the cultural, sociatal, and environmental considerations. 4. PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Facilities/Laboratories	 POS. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Syllabus	6. PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess health, safety, legal and cultural issues and the consequent responsibilities relevant to the engineering practice.
Events -	7. PO7. Environment and sustainability: Understand the impact of the professional engineering solutions In societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.
Achievements	 PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. PO10. Communication: Communicate effectivelyon complex engineering activities with the engineering community and with society at large, such as, being
Toppers	able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. 11. PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management, principles and apply, these to
Internships	one's own work, as a member and leader in a team, to manage projects' and in multidisciplinary environments. 12. PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest
Faculty	context of technological change.

NAAC



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Faculty	context of technological change.		5 5
	PEO'S :		
	PEO I. Excel in professional career by acquiring knowle PEO II. Exhibit professional skills to function as membe PEO III. Practice the profession with ethics, social resp ARTICULATION OF PEOs	ers of multi-disciplinary teams, communicate effectively and be con	versant with modern tools.
	 depth exposure and knowledge to mathematics to the science and mathematics in solving complex problems 2. PEO 2: The graduates should be able to adopt thems career in any related industry with high degree of tec professional abilities. 3. PEO 3: The graduates should be aware of professional 	e in the basic science subjects such as Mathematics, Physics an level required for their branch of engineering specialization. They in the field of Computer Science & Engineering and related fields, selves to the industry with minimal amount of training. The gradu chnical competency. Leadership qualities of a student can be ini al ethics and practice them in their professional life. They must unc standards of society. Must ensure that the profession practices sh	should have the ability to apply the uate should be able to pursue their titated by means of high degree of derstand the prioritized needs of the
	PSO'S A graduate of the Computer Science and Enginee	ring Program will demonstrate:	
	multimedia, web design, big data analytics, and networi 2. PSO2: Problem-Solving Skills: The ability to apply si environments to deliver a quality product for business s	e ability to employ modern computer languages, environments, a	nplexity. nt using open-ended programming

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PROGRAMME – ELOCTRONICS AND COMMUNICATION ENGINEERING

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EPARTMENT OF ECE	
	ABOUT DEPARTMENT
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ision & Mission	The Department offers a B. Tech. program in Electronics and Communication Engineering and a M. Tech. degree in VLSI & ES Design. The faculty team consists of experts from the industry and academia. The department is highly praised for its activities in the technical front,
O's, PEO's, PSO's	contributing highly towards the development of cutting edge technologies and professionals. While building a solid foundation of the fundamentals, the students are also exposed to emerging trends in the industry and are molded to be quality professionals of the future.
O's	Electronics and Communication Engineering laboratories are equipped with state-of-the-art equipment and advanced software that enables the design of Very Large Scale Integrated (VLSI) circuits. The department offers hands on training to the students to meet the requirements of
OD Profile	industry through well-equipped and updated technological laboratories with state of the art equipment under the guidance of highly qualified, experienced and dedicated faculty.
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 Welcome × → C ⇒ prakasamec.com/ecc About Us × Admissions × RTI × EPARTMENT OF ECE bout Department sion & Mission O's, PEO's, PSO's O's OD Profile acilities/Laboratories	+ - 0 Faculty Profile Departments Exams Campus Life PEC Foundation Placements Alumni Audit Report NIRE Feedbal Committees EDC MOUS Academic Calendars IQAC Grievance Form HR Manual NAAC VISION & MISSION VISION & MISSION VISION To produce professionally competitive engineering graduates in Electronics & Communication Engineering with concern for society. MISSION 1.To impart quality education to the students in the domain of Electronics & Communication Engineering and related fields to make them professionally competitive.
Welcome Welcome Welcome C prakasamec.com/ece Admissions C C C C C C C C C C C C C	Faculty Profile Departments × Exams × Campus Life × PEC Foundation × Placements × Alumni × Audit Report × NIRF Feedbal Committees × EDC × MOUs × Academic Calendars × IQAC × Grievance Form HR Manual NAAC VISION & MISSION VISION & MISSION VISION To produce professionally competitive engineering graduates in Electronics & Communication Engineering with concern for society. MISSION 1.To impart quality education to the students in the domain of Electronics & Communication Engineering and related fields to make them employable with minimum orientation.
Welcome ×	Faculty Profile Departments Campus Life PEC Foundation Placements Atumni Adult Report NIR Feedbal Committees EDC MOUS Academic Calendars IQAC Grievance Form IR Manual NAAC VISION & MISSION VISION & MISSION VISION & MISSION In produce professionality competitive engineering graduates in Electronics & Communication Engineering with concern for society. In Signing 1. To impart quality education to the students in the domain of Electronics & Communication Engineering and related fields to make them employable with minimum orientation. 1. To import required skills to the students in the domain of Electronics & Communication Engineering and related fields to make them employable with minimum orientation. 2. Develop self-learning abilities and professional ethics to enable them to serve the society.
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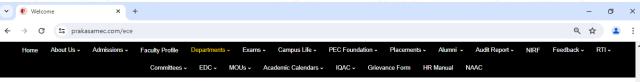


PROGRAMME OUTCOMES (POs), PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) & PROGRAM SPECIFIC OUTCOMES (PSOs)

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DEPARTMENT OF ECE

About Department	PO'S, PEO'S, PSO'S
/ision & Mission	PO'S
PO's, PEO's, PSO's	1. PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
CO's	 PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
HOD Profile	3. PO3. Design / development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Facilities/Laboratories	4. PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Syllabus	5. PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Events -	 PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess health, safety, legal and cultural issues and the consequent responsibilities relevant to the engineering practice. PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the
Achievements	7. POY. Environment and sustainability. Understants are impact or the professional engineering solutions in societat and environmental contexts, and demonstrate me knowledge of and need for sustainable development. 8. POA: Ethics: Adov ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
Toppers	9. PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. 10. PO10. Communication: Communicate effectivelyon complex engineering activities with the engineering community and with society at large, such as, being able to
nternships	comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. 11. PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to object so a
Faculty	member and leader in a team, to manage projects' and in multidisciplinary environments. Go to Settings to activate Window: 12. PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
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DEPARTMENT OF ECE

About Department	PEO'S, PSO'S
Vision & Mission	PEO'S:
PEO's,PSO's	PEO 1: Excel in their professional career in Electronics & Communication Engineering and related fields PEO 2: Exhibit leadership through professional ability, ethical practices and team work
CO's	PEO 3: Adapt to emerging trends in their relevant areas of interest for sustained growth and exhibit social responsibility.
HOD Profile	PSO'S
Facilities/Laboratories	PSO1: The ability to absorb and apply fundamental knowledge of core Electronics and Communication Engineering subjects in the analysis, design, and
Syllabus	development of various types of integrated electronic systems as well as to interpret and synthesize the experimental data leading to valid conclusions. PSO2: Competence in using electronic modern IT tools (both software and hardware) for the design and analysis of complex electronic systems in furtherance
Events +	to research activities. PSO3. To acquire Knowledge for sustainable development and environmental awareness with ethical responsibility and to have a successful career and
Achievements	continually enhance lifelong learning skills for real time applications using optimal resources as an Entrepreneur.
Achievements	
Toppers	Activate Windows



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COURSE OUTCOMES (COs)

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DEPARTMENT OF ECE

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PROGRAMME – ELECTRICAL AND ELOCTRONICS ENGINEERING

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About Department	ABOUT DEPARTMENT
Vision & Mission	The Department of Electrical & Electronics Engineering was established in the year 2002 with an intake of 60 students and subsequently enhanced to 90 in the year 2004, and 120 in 2011 for B Tech programme. The Department also offers M.Tech programme with specialization in
PO's, PEO's, PSO's	Power Electronics from the academic year 2011 with an intake of 18 and Electrical Power Systems in 2013 with an intake of 18.
CO's	The department has made significant growth in terms of infrastructural and academic standards on par with other premier institutions in Andhra Pradesh. The department has well experienced professors with Ph.D and M.Tech qualifications, Associate and Assistant Professors with M.Tech qualification and maintains a faculty student ratio of 1:15 as per AICTE norms. The department has fully equipped laboratories/licensed
HOD Profile	softwares for UG and PG Programmes to impart practical knowledge to students who can take up any assignment after their graduation/post graduation. EEE department has taken main initiative in starting up the solar power plant in the college premises. The faculty provides total
Facilities/Laboratories	support to the student for taking part in securing government jobs. EEE alumni always finds available to the college when their presence is needed. Faculties are students' oriented and give top most priority to train students to secure job and get settled.
Syllabus	
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DEPARTMENT OF EEE

	About Department	VISION & MISSION
CO's Engineering with self proficiency in education and bring value to knowledge based idea. HOD Profile MISSION Facilities/Laboratories 1. To fourish the department with dedicated and highly qualified faculty to provide the proper support to the students in education. Syllabus 2. To develop genuine and dedicated electrical engineers with service motto. Events • Achievements	Vision & Mission	VISION
CO's MISSION HOD Profile 1. To fourish the department with dedicated and highly qualified faculty to provide the proper support to the students in education. Facilities/Laboratories 2. To develop genuine and dedicated electrical engineers with service motto. Syllabus Events - Achievements Activate Windows Go to Settings to activate Windows	PO's, PEO's, PSO's	
1. To flourish the department with dedicated and highly qualified faculty to provide the proper support to the students in education. Facilities/Laboratories Syllabus Events • Achievements	CO's	
Facilities/Laboratories Formula is a structure of the structu	HOD Profile	1. To flourish the department with dedicated and highly qualified faculty to provide the proper support to the students in education.
Events Achievements Achievements Activate Windows Go to Settings to activate Window	Facilities/Laboratories	2. To develop genuine and dedicated electrical engineers with service motto.
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DEPARTMENT OF EEE	
About Department	PO'S, PEO'S, PSO'S
Vision & Mission	PO'S
PO's, PEO's, PSO's	1. PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
CO's	 PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
HOD Profile	 PO3. Design / development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Facilities/Laboratories	 PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex
Syllabus	 Cos. Wodern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and in tools including prediction and moderning to complex engineering activities with an understanding of the limitations. PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess health, safety, legal and cultural issues and the consequent responsibilities
Events -	relevant to the engineering practice. 7. PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the
Achievements	knowledge of and need for sustainable development. 8. PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
Toppers	 PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidiciplinary settings. PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Internships	 POIL POIL Transformed and the encoder reports and design occumentation, make electric presentations, and give and receive teal instructions. POIL Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects' and in multilisciplinary environments.
Faculty	12. PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest content of technological indows.



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PROGRAMME – COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE)

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About Department	ABOUT DEPARTMENT
Vision & Mission PO's, PEO's, PSO's CO's HOD Profile Facilities/Laboratories	The Department of Computer Science and Engineering-Artificial Intelligence was established in the year 2020 with an intake of 60 students.Artificial Intelligence (AI) is emerging as one of the most sought-after skills leading to lucrative careers in cutting edge AI technology. This course aims at providing not only the core technologies such as artificial intelligence, data mining and data modeling but also offers intensive inputs in areas of machine learning, deep learning and big data analytics taught by industry experts. Building human-level thought process through the creation of artificial intelligence (AI) is the state-of-art in Computer Science. The students will graduate with important skills in Design Thinking, strategic planning and corporate connect in addition to the engineering skills. The course focuses on creating innovative methodologies to solve challenging real world problems using AI.
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COURSE OUTCOMES (COs)

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About Department	Course Outcomes of CSE - Artificial Intelligence
Vision & Mission	
PEO's,PSO's	
CO's	
HOD Profile	
Facilities/Laboratories	
Syllabus	
Events -	
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PROGRAMME – COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

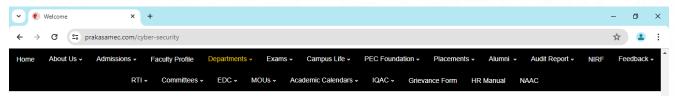
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DEPARTMENT OF ADD	D CSE (CYBER SEC	CURITY)								

About Department	ABOUT DEPARTMENT
Vision & Mission	Computer Science & Engineering-Cyber security undergraduate engineering course has been started by the institute from the academic year 2020-21 with the intake capacity of 60 seats. This B.Tech CSE (Cyber Security) undergraduate programme familiarizes students with the
PO's, PEO's, PSO's	functional and operational aspects of Cyber Security
CO's	Cyber Security is a specialized field in Information Technology (IT) which is regarded as a sub stream in Computer Science. Cyber Security courses aims to equip students with the knowledge and skills required to defend the computer operating systems, networks and data from cyber-attacks.
HOD Profile Facilities/Laboratories	Cyber Security as a profession is evolving over the years, reason being the increasing rate of cyber crimes. Any industry that transacts online or carries sensitive data is in need of a Cyber Security professional to safeguard its date from such delinquents. Cyberspace being a common platform which is accessed anyone from every corner of the world; the scope of cyber security is equally spread across the globe.
Syllabus	A lucrative, growing field, cyber security focuses on protecting organizations from digital attacks and keeping their information and networks safe. Cyber security experts detect vulnerabilities, recommend software and hardware programs that can mitigate risks, and develop policies and procedures for maintaining security.
Events -	As more businesses move their operations online, and with cyber attacks on the rise, the need for skilled cyber security professionals is
Achievements	projected to grow, particularly for healthcare and financial organizations. Activate Windows Go to Settings to activate Windows
Toppers	



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DEPARTMENT OF ADD CSE (CYBER SECURITY)

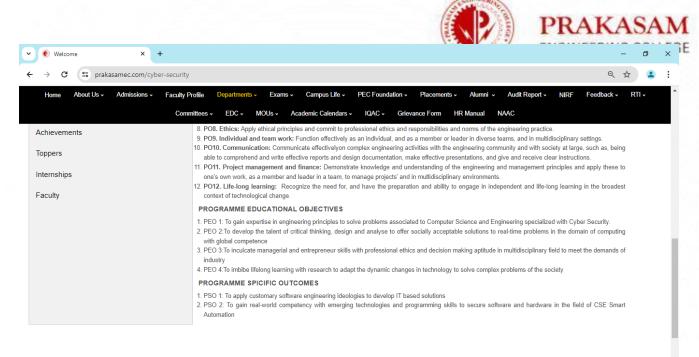
About Department	VISION & MISSION	
Vision & Mission	Vision	
PO's, PEO's, PSO's	 Ignite and nurture young learners to provide a sustainable, humane, and research security for building a robust, resilient, and attack-free digital universe. 	-centric educational platform in the domain of cyber
,,	Mission	
CO's	Provide committed and competent faculty and educational infrastructure to impart the t	heoretical and practical foundation of cyber security in
HOD Profile	the emanating youth. Establish MoUs and Centre of Excellences (CoEs) with Information Technology Sector research instinct imbibed for the sustainable development of young learners 	to provide industry-ready cybersecurity graduates with
Facilities/Laboratories	Build collaborative and teamwork-centric project-oriented learning environment, to ad	dress global challenges whilst preserving human and
Syllabus	ethical values. Encourage young minds to educate society to restore nationwide human safety and se	curity in digital world.
Events -		
Achievements		Activate Windows Go to Settings to activate Windows
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PROGRAMME OUTCOMES (POs), PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) & PROGRAM SPECIFIC OUTCOMES (PSOs)

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DEPARTMENT OF ADD CSE (Committees + EDC + MOUs + Academic Calendars + IQAC + Grievance Form HR Manual NAAC
(PO'S, PEO'S, PSO'S
About Department	r03, r203, r303
/ision & Mission	PROGRAMME OUTCOMES
ISION & MISSION	1. PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution
O's, PEO's, PSO's	of complex engineering problems
0	 PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
O's	3. PO3. Design / development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the
OD Profile	specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. 4. PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and
	4. FO4 Contact interventions or complex proteins. Use research vaceor downedge and research memory actions including design or experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
acilities/Laboratories	5. PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and
yllabus	modeling to complex engineering activities with an understanding of the limitations. 6. PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess health, safety, legal and cultural issues and the
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vents -	7. PO7. Environment and sustainability: Understand the impact of the professional engineering solutions In societal and environmental contexts, and
	demonstrate the knowledge of and need for sustainable development. 8. PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
chievements	 Prov. Eutros. Appresentar principles and commit to processional etucas and responsibilities and norms or use engineering practice. Prov. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
oppers	10. PO10. Communication: Communicate effectivelyon complex engineering activities with the engineering community and with society at large, such as, being
ppero	able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. 11. PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to
ternships	one's own work as a member and leader in a team to manage projects' and in multidisciplinary environments
	12. PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest
aculty	context of technological change.



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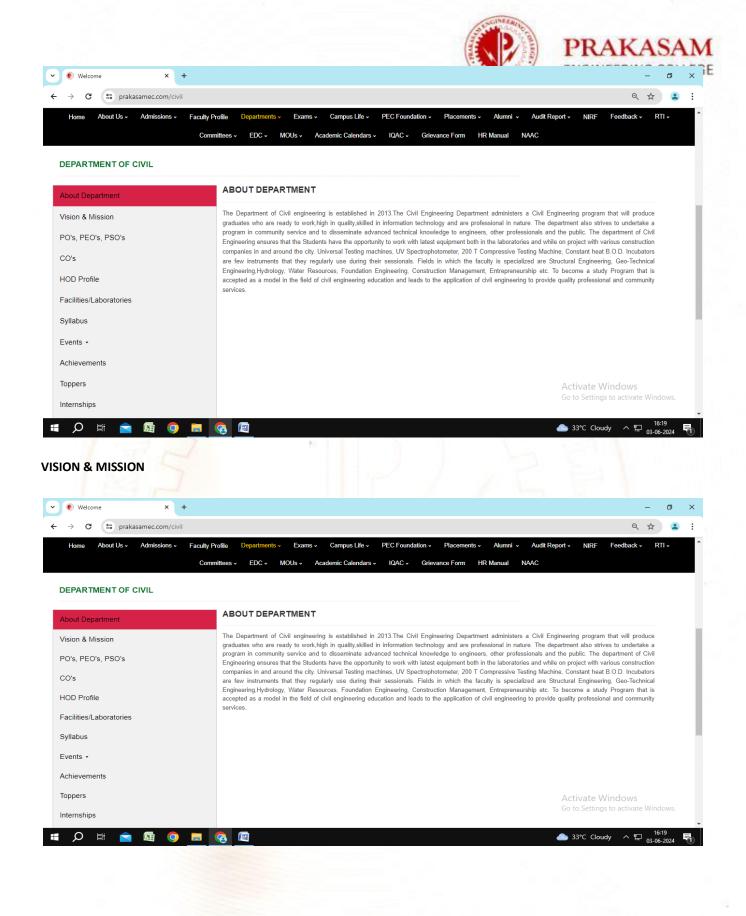
DEPARTMENT OF ADD CSE (CYBER SECURITY)

About Department	Course Outcomes of CSE - Cyber Security
Vision & Mission	
PO's, PEO's, PSO's	
CO's	
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Facilities/Laboratories	
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PROGRAMME – CIVIL ENGINEERING



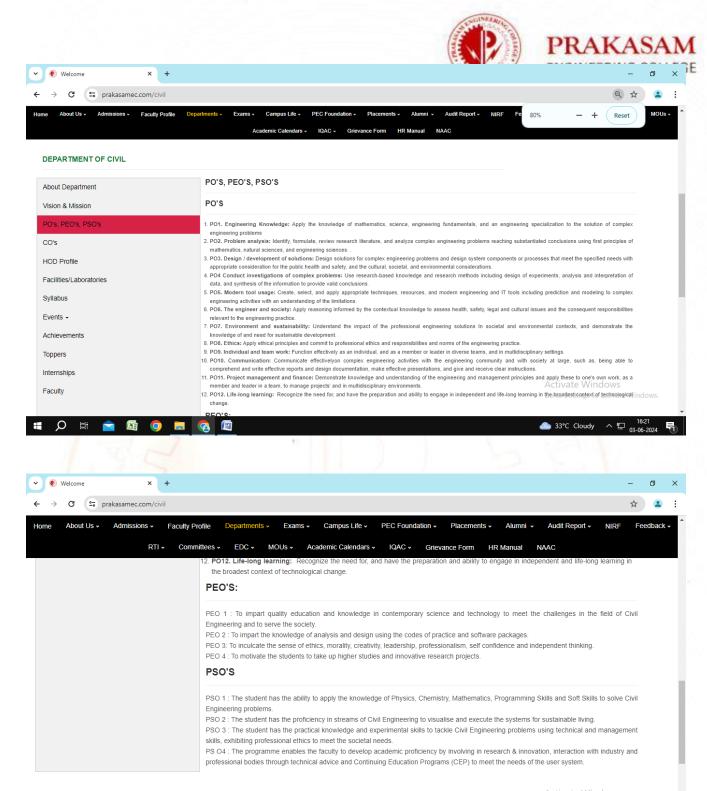
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PROGRAMME OUTCOMES (POs), PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) & PROGRAM SPECIFIC OUTCOMES (PSOs)



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COURSE OUTCOMES (COs)



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About Department	Course Outcomes of Civil Engineering	
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PO's, PEO's, PSO's		
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PROGRAMME – MECHANICAL ENGINEERING

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DEPARTMENT	OF	MECHANICAL	ENGINEERING
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About Department	ABOUT DEPARTMENT
Vision & Mission	The department was established in 2013 with intake of 60 students. The department has excellent lab facilities and it has qualified, experienced and committed faculty members. The department gives importance not only to academic education and also ethical values and personality
PO's, PEO's, PSO's	development of students. The students of mechanical department regularly organize various technical and extra curricular events. The department of students. The students of mechanical department regularly organize various technical and extra curricular events. The department is also actively involved in placement of the students through ON/OFF campus interviews.
CO's	
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Facilities/Laboratories	
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DEPARTMENT OF MECHANICAL ENGINEERING

About Department	VISION & MISSION	
Vision & Mission	VISION	
PO's, PEO's, PSO's	: To become a center of Excellence in producing the graduates as professional Mechanical Engineers with a high-quality education, innovative and entrepreneurial skills to secure the society and industry needs.	
CO's	MISSION	
HOD Profile	1. To impart high-quality education in curriculum and to build the students in their capacity and enhancing skills to make them globally	
Facilities/Laboratories	competitive Mechanical Engineers. 2. To prepare the students by providing exceptional academic environment, leadership, ethical guidelines and lifelong learning needed for a long	
Syllabus	professional career. 3. To enhance the overall academic performance of the students gradually and thereby increasing their placement potential.	
Events -	4. To build the institute-industry interaction by providing the internship programs.	
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PROGRAMME OUTCOMES (POs), PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) & PROGRAM SPECIFIC OUTCOMES (PSOs)

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DEPARTMENT OF MECHANICAL	ENGINEERING
About Department	PO'S, PEO'S, PSO'S
Vision & Mission	PO'S
PO's, PEO's, PSO's	1. PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex
CO's	engineering problems 2. PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
HOD Profile	3. PO3. Design / development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Facilities/Laboratories	4. PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Syllabus	5. PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Events -	6. PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess health, safety, legal and cultural issues and the consequent responsibilities relevant to the engineering practice. 7. PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the
Achievements	knowledge of and need for sustainable development. 8. PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
Toppers	9. PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. 10. PO10. Communication: Communicate effectivelyon complex engineering activities with the engineering community and with society at large, such as, being able to
Internships	comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. 11. PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a more than the locate in a base to a present engineering and the second of the engineering and management principles and apply these to one's own work, as a more than the locate in a base to a present engineering and the second of the engineering and management principles and apply these to one's own work, as a more than the locate in a base to a present engineering and the second of the engineering and management principles and apply these to one's own work, as a more than the locate in a base to a present engineering and the locate of the engineering and management principles and apply these to one's own work, as a more than the locate of the locate of the locate of the engineering and management principles and apply these to one's own work, as a more than the locate of th
Faculty	member and leader in a team, to manage projects' and in multidisciplinary environments. 12. PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of exchloalignal change. Change.
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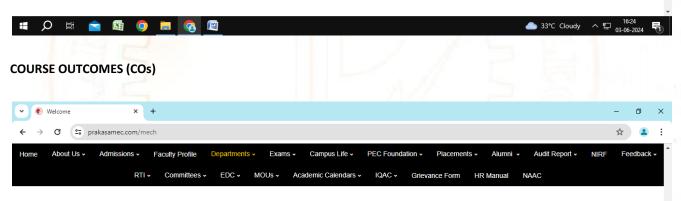


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	PEO 1 : To prepare mechanical engineering graduates with an outstanding knowledge of mathematical, scientific, engineering anagement, humanities and various other interdisciplinary subjects for a successful career. PEO 2 : To equip students with modern tools, technology and advanced software's for deliberating engineering solutions. PEO 3: Able to work individually and effectively in a team with a commitment to complete the task using proper commanagement skill and by updating the knowledge continuously in the work field.			
	PSO'S			
	PSO 1 : Our graduate engineers will apply all the basic principles of mechanical engineering required in both private a organizations. They can contribute to all national level research projects PSO 2 : We produce graduate engineers specialized in Thermal, Manufacturing and Design. PSO 3 : Our students are well equipped with industrial management skills, and interdisciplinary technologies.	and public sector		
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DEPARTMENT OF MECHANICAL ENGINEERING	
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PROGRAMME – MASTER OF BUSINESS APPLICATIONS

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

About Department	ABOUT DEPARTMENT
Vision & Mission	The Department of Master of Business administration was established in 2006 with a aim to develop young men and women into confident and competent professionals capable of working in organized sectors of industry and as entrepreneurs while contributing to the welfare of the
PO's, PEO's, PSO's	society. The department offers two year post graduate programme in MBA with an annual intake of 60 seats. The curriculum for the programme is designed by JNTUK, to give graduates exposure to management skills needed for the creation of specialists who can integrate across
CO's	functional areas in a dynamic organization. The Program provides a broad perspective of all areas of management.
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Facilities/Laboratories	
Syllabus	
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About Department	VISION & MISSION
Vision & Mission	VISION :
PO's, PEO's, PSO's CO's	 To create a centre of managerial excellence. To provide management education and training to the student community. To serve the society with proficiency and human values.
HOD Profile	MISSION
Facilities/Laboratories	
Syllabus	 To provide quality management education to young aspiring management students by continuously improving the teaching-learning process with the help of the dedicated faculty. To create opportunities to the management students to develop their talents, creativity and global competence.
Events -	 To cleare opportunities to the management students to develop their talents, clearing and group competence. To promote research and development in management by the staff and student for the benefit of the society.
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NAAC	O.V. Road, KANDUKUR - 523 105. PRAKASAM (Dist.), AP. INDIA. T: 08598 222288, 221200, F: 08598 22130 E: pec@prakasamec.com

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PROGRAMME OUTCOMES (POs), PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) & PROGRAM SPECIFIC OUTCOMES (PSOs)

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bout Department	PO'S, PEO'S, PSO'S		
ision & Mission	PO'S		
O's, PEO's, PSO's	1. PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex		
:O's	engineering problems 2. PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of		
IOD Profile	mathematics, natural sciences, and engineering sciences 3. PO3. Design / development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with		
acilities/Laboratories	appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. 4. PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of		
	data, and synthesis of the information to provide valid conclusions. 5. PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex		
yllabus	engineering activities with an understanding of the limitations. 6. PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess health, safety, legal and cultural issues and the consequent responsibilities		
vents -	relevant to the engineering practice. 7. PO7. Environment and sustainability: Understand the impact of the professional engineering solutions In societal and environmental contexts, and demonstrate the		
chievements	knowledge of and need for sustainable development. 8. PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.		
oppers	9. PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. 10. PO10. Communication: Communicate effectivelyon complex engineering activities with the engineering community and with society at large, such as, being able to		
ternships	comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. 11. PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a		
aculty	member and leader in a team, to manage projects' and in multidisciplinary environments. 12. PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological		
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COURSE OUTCOMES (COs)





DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

About Department	Course Outcomes of Master of Business Administration
Vision & Mission	
PO's, PEO's, PSO's	
CO's	
HOD Profile	
Facilities/Laboratories	
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PROGRAMME – MASTER OF COMPUTER APPLICATIONS

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

About Department	ABOUT DEPARTMENT
Vision & Mission	To cater to the needs of students, Prakasam Engineering College has started Master of Computer Applications (MCA) course in the year 2004 with excellent infrastructure. MCA is a Post Graduate program of three years course spanning over six semesters, last semester is exclusively
PO's, PEO's, PSO's	reserved for project work. Our MCA department is well equipped with qualified and experienced staff, computer laboratories and Internet facilities. Students can make use of these facilities to enrich their working knowledge on computer domain. Students are admitted into MCA
CO's	course through ICET entrance examination conducted by government of Andhra Pradesh. Students who have passed the Bachelor Degree examination with not less than 50% of the marks in the aggregate with mathematics as one of the subjects at 10+2 level can write the entrance
HOD Profile	examination
Facilities/Laboratories	
Syllabus	
Events -	
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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

bout Department	VISION		
/ision & Mission			
PO's, PEO's, PSO's	To emerge as a premier knowledge center for imparting computing education and inculcating human values to solve global challenges		
CO's	MISSION		
HOD Profile	1. To enable the students to be knowledgeable and creative through innovative teaching methodologies 2. To provide training programs that bridges the gap between academia and industry to produce competitive software professionals 3. To inculcate ethical values in students		
acilities/Laboratories	enabling them to become socially committed professionals 4. To enhance the research quality and productivity by providing required facilities		
Facilities/Laboratories Syllabus			
	enabling them to become socially committed professionals 4. To enhance the research quality and productivity by providing required facilities		
Syllabus	enabling them to become socially committed professionals 4. To enhance the research quality and productivity by providing required facilities		

PROGRAMME OUTCOMES (POs), PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) & PROGRAM SPECIFIC OUTCOMES (PSOs)

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DEPARTMENT OF MASTER OF C	OMPUTER APPLICATIONS	
About Department	PO'S, PEO'S, PSO'S	
Vision & Mission	PO'S	
PO's, PEO's, PSO's	1. PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems	
CO's	 Projection proton analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences. 	
HOD Profile	3. PO3. Design / development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	
Facilities/Laboratories	 PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. 	
Syllabus	5. PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	
Events -	6. PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess health, safety, legal and cultural issues and the consequent responsibilities relevant to the engineering practice.	
Achievements	7. PO7. Environment and sustainability: Understand the impact of the professional engineering solutions In societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.	
Toppers	 PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. 	
Internships	 PO10. Communication: Communicate effectivelyon complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. PO11. Protect management and finance: Demonstrate knowledge and understanding of the engineering adment principles and apply these to one's own work, as a 	
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	 PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principl apply these to one's own work, as a member and leader in a team, to manage projects' and in multidisciplinary environments. PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long lear the broadest context of technological change. PEO'S: 	
	PEO-I: Learn and apply computing and managerial principles to excel in professional career and in the field of Computer Applicatio individual, as part of a team, as an entrepreneur and equip them with orientation towards research. PEO-II: Analyze real world problem and develop solutions through the knowledge of mathematics and computing principles that are socially acceptable. PEO-II professional ethics, cyber regulations and communication skills, engage in lifelong learning and to adapt emerging technologies and too	ns, design I: Exhibit

PSO'S

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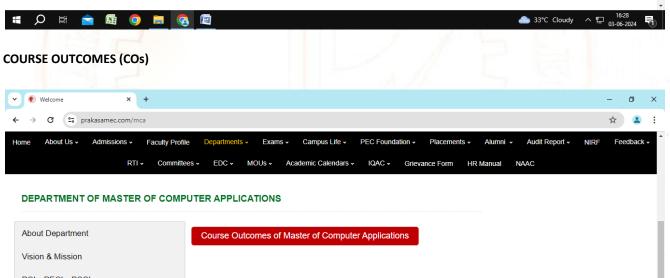
Faculty

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 About

1. PSO1: Professional Skills: The ability to model and develop efficient algorithms and software applications as safe and secure Information Technology Solutions. 2. PSO2: Successful Career and Entrepreneurship: The ability to embark on research & development after mastering modern computer languages, environments and platforms.

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PRAKASAM ENGINEERING COLLEGE



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